

GenCore version 5.1.3
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OM protein - protein search, using sw model
Run on : February 21, 2003, 12:32:03 ; Search time 30 Seconds
(without alignments)
2.071 Million cell updates/sec

Title: SHORT-PEP
Perfect score: 16
Sequence: 1 rw 2
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
Searched: 156504 seqs, 31069816 residues

Total number of hits satisfying chosen parameters: 40077

Minimum DB seq length: 0
Maximum-DB-seq-length: 57

Post-processing: Minimum Match 0%, Maximum Match 100%
Listing first 100 summaries

Database : Published_Applications.AA:*

1: /cgn2_6/ptodata/2/puppa_r008_NEW_PUB.pep: *
2: /cgn2_6/ptodata/2/puppa_r0CT_NEW_PUB.pep: *
3: /cgn2_6/ptodata/2/puppa_r0S06_NEW_PUB.pep: *
4: /cgn2_6/ptodata/2/puppa_r0S07_NEW_PUB.pep: *
5: /cgn2_6/ptodata/2/puppa_r0S10_PUBCOMB.pep: *
6: /cgn2_6/ptodata/2/puppa_r0S11_PUBCOMB.pep: *
7: /cgn2_6/ptodata/2/puppa_r0S12_PUBCOMB.pep: *
8: /cgn2_6/ptodata/2/puppa_r0S08_PUBCOMB.pep: *
9: /cgn2_6/ptodata/2/puppa_r0S09_NEW_PUB.pep: *
10: /cgn2_6/ptodata/2/puppa_r0S10_NEW_PUB.pep: *
11: /cgn2_6/ptodata/2/puppa_r0S11_PUBCOMB.pep: *
12: /cgn2_6/ptodata/2/puppa_r0S12_PUBCOMB.pep: *
13: /cgn2_6/ptodata/2/puppa_r0S60_NEW_PUB.pep: *
14: /cgn2_6/ptodata/2/puppa_r0S60_PUBCOMB.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Length	DB ID	Description
1	16	100.0	4	10 US-09-929-818-206	Sequence 206, App
2	16	100.0	4	12 US-10-040-47-1	Sequence 1, Appli
3	16	100.0	5	9 US-10-074-950-6	Sequence 5, Appli
4	16	100.0	5	9 US-10-105-930-75	Sequence 75, Appli
5	16	100.0	5	9 US-09-903-412-43	Sequence 43, Appli
6	16	100.0	5	9 US-09-903-412-44	Sequence 44, Appli
7	16	100.0	5	9 US-09-903-412-46	Sequence 46, Appli
8	16	100.0	5	9 US-09-903-412-59	Sequence 59, Appli
9	16	100.0	5	9 US-09-903-412-67	Sequence 67, Appli
10	16	100.0	5	9 US-09-903-412-74	Sequence 74, Appli
11	16	100.0	5	9 US-09-903-412-76	Sequence 76, Appli
12	16	100.0	5	9 US-09-903-412-78	Sequence 78, Appli
13	16	100.0	5	9 US-09-903-412-80	Sequence 80, Appli
14	16	100.0	5	9 US-09-903-412-82	Sequence 82, Appli
15	16	100.0	5	9 US-09-903-412-84	Sequence 84, Appli
16	16	100.0	5	9 US-09-903-412-86	Sequence 86, Appli
17	16	100.0	5	9 US-09-903-412-88	Sequence 88, Appli
18	16	100.0	5	9 US-09-903-412-90	Sequence 90, Appli
19	16	100.0	5	9 US-09-903-412-92	Sequence 92, Appli

20	16	100.0	5	9 US-09-003-412-104	Sequence 104, Appli
21	16	100.0	5	9 US-09-003-412-105	Sequence 105, Appli
22	16	100.0	5	9 US-09-003-412-108	Sequence 108, Appli
23	16	100.0	5	10 US-09-096-749A-43	Sequence 43, Appli
24	16	100.0	5	10 US-09-096-749A-44	Sequence 44, Appli
25	16	100.0	5	10 US-09-096-749A-46	Sequence 46, Appli
26	16	100.0	5	10 US-09-096-749A-59	Sequence 59, Appli
27	16	100.0	5	10 US-09-096-749A-67	Sequence 67, Appli
28	16	100.0	5	10 US-09-096-749A-74	Sequence 74, Appli
29	16	100.0	5	10 US-09-096-749A-76	Sequence 76, Appli
30	16	100.0	5	10 US-09-096-749A-78	Sequence 78, Appli
31	16	100.0	5	10 US-09-096-749A-80	Sequence 80, Appli
32	16	100.0	5	10 US-09-096-749A-82	Sequence 82, Appli
33	16	100.0	5	10 US-09-096-749A-84	Sequence 84, Appli
34	16	100.0	5	10 US-09-096-749A-86	Sequence 86, Appli
35	16	100.0	5	10 US-09-096-749A-88	Sequence 88, Appli
36	16	100.0	5	10 US-09-096-749A-90	Sequence 90, Appli
37	16	100.0	5	10 US-09-096-749A-92	Sequence 92, Appli
38	16	100.0	5	10 US-09-096-749A-102	Sequence 102, Appli
39	16	100.0	5	10 US-09-096-749A-104	Sequence 104, Appli
40	16	100.0	5	10 US-09-096-749A-106	Sequence 106, Appli
41	16	100.0	5	10 US-09-096-749A-108	Sequence 108, Appli
42	16	100.0	5	10 US-09-096-749A-110	Sequence 110, Appli
43	16	100.0	5	10 US-09-096-749A-142	Sequence 142, Appli
44	13	81.2	4	9 US-08-084-409-29	Sequence 29, Appli
45	13	81.2	4	9 US-10-015-915-10	Sequence 10, Appli
46	13	81.2	4	10 US-09-780-070-2	Sequence 1, Appli
47	13	81.2	4	10 US-09-854-204-6	Sequence 66, Appli
48	13	81.2	4	10 US-09-977-831-10	Sequence 10, Appli
49	13	81.2	4	10 US-10-015-910-57	Sequence 57, Appli
50	13	81.2	5	9 US-09-331-378-78	Sequence 78, Appli
51	13	81.2	5	10 US-09-780-070-6	Sequence 6, Appli
52	13	81.2	5	10 US-09-780-070-7	Sequence 7, Appli
53	13	81.2	5	10 US-09-973-145-14	Sequence 14, Appli
54	13	75.0	5	9 US-09-995-749A-14	Sequence 14, Appli
55	12	75.0	5	9 US-10-010-930-71	Sequence 71, Appli
56	12	75.0	5	9 US-10-010-930-71	Sequence 6, Appli
57	11	68.8	3	9 US-09-913-876A-6	Sequence 6, Appli
58	11	68.8	3	10 US-09-922-261-291	Sequence 291, Appli
59	11	68.8	3	10 US-09-922-261-405	Sequence 405, Appli
60	11	68.8	3	10 US-09-982-172-25	Sequence 25, Appli
61	11	68.8	4	1 US-08-841-636A-3	Sequence 3, Appli
62	11	68.8	4	8 US-08-084-409-5	Sequence 5, Appli
63	11	68.8	4	8 US-08-084-409-34	Sequence 34, Appli
64	11	68.8	4	8 US-09-981-824-43	Sequence 216, Appli
65	11	68.8	4	8 US-08-024-550B-216	Sequence 314, Appli
66	11	68.8	4	8 US-08-024-550B-314	Sequence 346, Appli
67	11	68.8	4	8 US-08-424-550B-346	Sequence 29, Appli
68	11	68.8	4	9 US-09-664-516A-29	Sequence 74, Appli
69	11	68.8	4	9 US-09-584-426-58	Sequence 24, Appli
70	11	68.8	4	9 US-09-769-145-74	Sequence 19, Appli
71	11	68.8	4	9 US-09-858-198-58	Sequence 58, Appli
72	11	68.8	4	9 US-09-847-10B-19	Sequence 7, Appli
73	11	68.8	4	9 US-10-078-059-30	Sequence 24, Appli
74	11	68.8	4	9 US-10-078-059-31	Sequence 30, Appli
75	11	68.8	4	9 US-10-078-059-31	Sequence 1, Appli
76	11	68.8	4	9 US-10-087-195-2	Sequence 2, Appli
77	11	68.8	4	9 US-10-087-195-4	Sequence 4, Appli
78	11	68.8	4	9 US-10-087-195-5	Sequence 5, Appli
79	11	68.8	4	9 US-10-084-832-3	Sequence 3, Appli
80	11	68.8	4	9 US-10-094-649-3	Sequence 3, Appli
81	11	68.8	4	9 US-10-062-126C-9	Sequence 9, Appli
82	11	68.8	4	9 US-09-515-847-14	Sequence 14, Appli
83	11	68.8	4	9 US-10-087-903-24	Sequence 24, Appli
84	11	68.8	4	9 US-10-045-803-9	Sequence 9, Appli
85	11	68.8	4	9 US-09-376-430-30	Sequence 30, Appli
86	11	68.8	4	9 US-10-119-531-8	Sequence 8, Appli
87	11	68.8	4	9 US-09-554-557-13	Sequence 13, Appli
88	11	68.8	4	10 US-09-736-611-2	Sequence 2, Appli
89	11	68.8	4	10 US-09-765-527-196	Sequence 196, Appli
90	11	68.8	4	10 US-09-871-212-2	Sequence 4, Appli
91	11	68.8	4	10 US-09-808-037-4	Sequence 92, Appli

RESULT 1
US-99-929-818-206
; Sequence 206, Application US/09929818
; Patent No. US20020099003A1
; GENERAL INFORMATION:
; APPLICANT: WILSON, LELAND F.
; PLACE, VIRGIL A.
; TITLE OF INVENTION: TREATMENT OF FEMALE SEXUAL DYSFUNCTION WITH VASOACTIVE AGENTS, PARTICULARLY VASOACTIVE INTESTINAL POLYPEPTIDE
; TITLE OF INVENTION: AGENTS, AND AGONISTS THEREOF
; FILE REFERENCE: 9050-0013_24
; CURRENT APPLICATION NUMBER: US/09/929,818
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/498,522
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 09/181,316
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 08/959,064
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 08/959,057
; PRIOR FILING DATE: 1997-10-28
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 206
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Unknown Organism
; OTHER INFORMATION: Description of Unknown Organism: Melanocortin
; OTHER INFORMATION: Description of Artificial Sequence
; OTHER INFORMATION: Sequence:alpha:melanocyte-stimulation hormone
; OTHER INFORMATION: Sequence:alpha:melanocyte-stimulation hormone

RESULT 2
US-09-929-818-206
; Sequence 1, Application US/10040547
; Patent No. US20020107182A1
; GENERAL INFORMATION:
; APPLICANT: Palatin Technologies, Inc.
; PLACE, CHRISTINE
; TITLE OF INVENTION: Compositions and Methods for Treatment of Sexual Dysfunction
; FILE REFERENCE: 70325-04-CIP
; CURRENT APPLICATION NUMBER: US/10/040,547
; CURRENT FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/142,346
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 60/194,987
; PRIOR FILING DATE: 2000-04-05

RESULT 3
US-10-074-956-6
; Sequence 6, Application US/10074956
; Publication No. US20020193332A1
; GENERAL INFORMATION:
; APPLICANT: Hedley, Mary Lynne
; TITLE OF INVENTION: METHODS OF TREATING BLADDER DISORDERS
; FILE REFERENCE: 08191-022001
; CURRENT APPLICATION NUMBER: US/10/074,956
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/268,175
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 6
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens

RESULT 4
US-10-105-930-75
; Sequence 75, Application US/10105930
; Publication No. US2003009018A1
; GENERAL INFORMATION:
; APPLICANT: Maeda, Masatoshi
; PLACE, NOBUCHI
; TITLE OF INVENTION: NOVEL HEMOPOIETIN RECEPTOR PROTEIN, NR12
; FILE REFERENCE: 06501-105US1
; CURRENT APPLICATION NUMBER: US/10/105,930
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: PCT/JP00/06554
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: JP 2000-240397
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP 11-273358
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: FastSEQ for Windows Version 4.0

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; SEQ ID NO 75
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-105-930-75

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RW 2
Db      3 RW 4

RESULT 5
US-09-903-412-43
Sequence 43, Application US/09903412
Publication No. US20030027319A1
GENERAL INFORMATION:
APPLICANT: Koide, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
FILE REFERENCE: 109_0501S1
CURRENT APPLICATION NUMBER: US/09/903_412
CURRENT FILING DATE: 2001-07-11
PRIORITY APPLICATION NUMBER: US 60/217,474
PRIOR FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 121
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: The sequence of the BC loop of ubiquitin-binding
OTHER INFORMATION: monobody clone 422.
US-09-903-412-43

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RW 2
Db      3 RW 3

RESULT 6
US-09-903-412-44
Sequence 44, Application US/09903412
Publication No. US20030027319A1
GENERAL INFORMATION:
APPLICANT: Koide, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
FILE REFERENCE: 109_0501S1
CURRENT APPLICATION NUMBER: US/09/903_412
CURRENT FILING DATE: 2001-07-11
PRIORITY APPLICATION NUMBER: US 60/217,474
PRIOR FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 121
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 59
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: The sequence of the FG loop of ubiquitin-binding
OTHER INFORMATION: monobody clone 424.
US-09-903-412-44

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RW 2
Db      3 RW 3

RESULT 7
US-09-903-412-46
Sequence 46, Application US/09903412
Publication No. US20030027319A1
GENERAL INFORMATION:
APPLICANT: Koide, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
FILE REFERENCE: 109_0501S1
CURRENT APPLICATION NUMBER: US/09/903_412
PRIORITY APPLICATION NUMBER: US 60/217,474
PRIOR FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 121
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: The sequence of the FG loop of ubiquitin-binding
OTHER INFORMATION: monobody clone 424.
US-09-903-412-46

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RW 2
Db      3 RW 3

RESULT 8
US-09-903-412-59
Sequence 59, Application US/09903412
Publication No. US20030027319A1
GENERAL INFORMATION:
APPLICANT: Koide, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
FILE REFERENCE: 109_0501S1
CURRENT APPLICATION NUMBER: US/09/903_412
CURRENT FILING DATE: 2001-07-11
PRIORITY APPLICATION NUMBER: US 60/217,474
PRIOR FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 121
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 59
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: The sequence of the BC loop of clone pLB24.6.
US-09-903-412-59

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RW 2
Db      1 RW 2

RESULT 9
US-09-903-412-67
Sequence 67, Application US/09903412
Publication No. US20030027319A1

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GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109_0500SI
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 5
; TYPE: PRT
; FEATURE:
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: The sequence of the BC loop of clone pLB24.11.
; US-09-903-412-67

RESULT 10
Query Match 100 0%; Score 16; DB 9; Length 5;
Best Local Similarity 100 0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
Db 2 RW 3

US-09-903-412-74
; Sequence 74, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the BC loop of clone pLB24.11.

US-09-903-412-74

Query Match 100 0%; Score 16; DB 9; Length 5;
Best Local Similarity 100 0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
Db 2 RW 3

RESULT 12
US-09-903-412-78
; Sequence 78, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109_0500SI
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 78
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.3.
; US-09-903-412-78

Query Match 100 0%; Score 16; DB 9; Length 5;
Best Local Similarity 100 0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
Db 2 RW 3

RESULT 13
US-09-903-412-80
; Sequence 80, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109_0500SI
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 80
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.4.
; US-09-903-412-80

Query Match 100 0%; Score 16; DB 9; Length 5;
Best Local Similarity 100 0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
Db 2 RW 3

QY 1 RW 2
 QY 1
 Db 3 RW 4

RESULT 14
 US-09-903-412-82
 ; Sequence 82, Application US/09903412
 ; Publication No. US20030027319A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Koide, Shohei
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 ; FILE REFERENCE: 109_050051
 ; CURRENT APPLICATION NUMBER: US/09/903,412
 ; CURRENT FILING DATE: 2001-07-11
 ; PRIORITY NUMBER: US 60/217,474
 ; PRIORITY FILING DATE: 2000-07-11
 ; NUMBER OF SEQ ID NOS: 121
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 82
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.5.
 ; US-09-903-412-82

Query Match 100.0%; Score 16; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	RW	2
Db	2	RW	3

RESULT 15
 US-09-903-412-84
 ; Sequence 84, Application US/09903412
 ; Publication No. US20030027319A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Koide, Shohei
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 ; FILE REFERENCE: 109_050051
 ; CURRENT APPLICATION NUMBER: US/09/903,412
 ; CURRENT FILING DATE: 2001-07-11
 ; PRIORITY NUMBER: US 60/217,474
 ; PRIORITY FILING DATE: 2000-07-11
 ; NUMBER OF SEQ ID NOS: 121
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 84
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.5.
 ; US-09-903-412-84

Query Match 100.0%; Score 16; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	RW	2
Db	2	RW	3

RESULT 16
 US-09-903-412-86
 ; Sequence 86, Application US/09903412
 ; Publication No. US20030027319A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Koide, Shohei

RESULT 17
 US-09-903-412-88
 ; Sequence 88, Application US/09903412
 ; Publication No. US20030027319A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Koide, Shohei
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 ; FILE REFERENCE: 109_050051
 ; CURRENT APPLICATION NUMBER: US/09/903,412
 ; CURRENT FILING DATE: 2001-07-11
 ; PRIORITY NUMBER: US 60/217,474
 ; PRIORITY FILING DATE: 2000-07-11
 ; NUMBER OF SEQ ID NOS: 121
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 88
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.7.
 ; US-09-903-412-88

Query Match 100.0%; Score 16; DB 9; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	RW	2
Db	2	RW	3

RESULT 18
 US-09-903-412-90
 ; Sequence 90, Application US/09903412
 ; Publication No. US20030027319A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Koide, Shohei
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 ; FILE REFERENCE: 109_050051
 ; CURRENT APPLICATION NUMBER: US/09/903,412
 ; CURRENT FILING DATE: 2001-07-11
 ; PRIORITY NUMBER: US 60/217,474
 ; PRIORITY FILING DATE: 2000-07-11
 ; NUMBER OF SEQ ID NOS: 121
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 90
 ; LENGTH: 5
 ; TYPE: PRT

```

; ORGANISM: Artificial sequence
; FEATURE: |||_
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.11.
; US-09-903-412-90

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 RW 2
Qy   1 |||_
Db   2 RW 3

RESULT 19
US-09-903-412-92
; Sequence 92, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109. 050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 4.0
; LENGTH: 5
; SEQ ID NO: 92

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 RW 2
Qy   1 |||_
Db   3 RW 4

RESULT 20
US-09-903-412-104
; Sequence 104, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109. 050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 4.0
; LENGTH: 5
; SEQ ID NO: 104

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 RW 2
Qy   1 |||_
Db   3 RW 4

RESULT 21
US-09-903-412-106
; Sequence 106, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109. 050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 4.0
; LENGTH: 5
; SEQ ID NO: 106

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 RW 2
Qy   1 |||_
Db   2 RW 3

RESULT 22
US-09-903-412-108
; Sequence 108, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohel
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109. 050US1
; CURRENT APPLICATION NUMBER: US/09/903,412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSEQ for Windows Version 4.0
; LENGTH: 5
; SEQ ID NO: 108

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 RW 2
Qy   1 |||_
Db   2 RW 3

RESULT 23
US-09-906-749A-43
; Sequence 43, Application US/09096749A
; Patent No. US20030019517A1
; GENERAL INFORMATION:
; OTHER INFORMATION: The sequence of the FG loop of clone 2 from Table
; OTHER INFORMATION: 7.

Query Match      100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 RW 2
Qy   1 |||_
Db   2 RW 3

```

APPLICANT: Koleida, Shonel
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESS: Schweigman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/096,749A
 FILING DATE: June 12, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vicksnins
 REFERENCE/Docket NUMBER: 37-748
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 43:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 9-096-749A-43

LT	24
9-096-749A-44	
SEQUENCE 44, Application US/09096749A	
tent No. US2002019517A1	
ENTRAL INFORMATION:	
APPLICANT: Koleida, Shonel	
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES	
NUMBER OF SEQUENCES: 118	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Schweigman, Lundberg, Woessner & Kluth P.A..	
STREET: 121 South Eighth Street, Ste. 1600	
CITY: Minneapolis	
STATE: MN	
COUNTRY: USA	
ZIP: 55402	
COMPUTER READABLE FORM:	
MEDIUM TYPE: Diskette	
COMPUTER: IBM Compatible	
OPERATING SYSTEM: DOS	
SOFTWARE: FastSEQ Version 2.0b	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/09/096,749A	
FILING DATE: June 12, 1998	

entry Match 100.0%; Score 16; DB 10; Length
 st Local Similarity 100.0%; Pred. No. 1; 3e+05;
 tches 2; Conservative 0; Mismatches 0; Indels

1	RW	2
2	RW	3

APPLICATION NUMBER: US-09-096749A-46
 FILING DATE: 10/09/2000
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viknins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 44:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-09-096749A-44

QY	1 RW 2	2 RW 3	1
Best Local Matches	100 0%	100 0%	score 16; pred. No. 1.3e+05;
Local Matches	100 0%	100 0%	Length 5;
Conservative Matches	0	0	DB 10; Mismatches 0;
			Indels 0;
			Gaps 0;

RESULT 25
 US-09-096749A-46
 ; Sequence 46, Application US/09096749A
 ; Patent No. US200001019517A1
 GENERAL INFORMATION:
 APPLICANT: Koleida, Shohet
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwedman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: Fast SEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-09-096749A
 FILING DATE: June 12, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viknins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 46:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO

;

ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE: ;
US-09-096-749A-46

Query Match 100.0%; Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; ;

Qy	1 RW 2		Db	2 RW 3
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;

RESULT 26
US-09-096-749A-59
Sequence 59, Application US/09096749A
; Patent No. US2002019517A1

GENERAL INFORMATION:
APPLICANT: Koieda, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADRESSEE: Schwemman, Lundberg, Woessner & Kluth P.A.,
STREET: 121 South Eighth Street, Ste. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0b

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/096,749A

FILING DATE: June 12, 1998
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:

FILING DATE: June 12, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Vlansins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE: ;
US-09-096-749A-67

Query Match 100.0%; Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; ;

Qy	1 RW 2		Db	2 RW 3
----	--------	--	----	--------

;

RESULT 28
US-09-096-749A-74
Sequence 74, Application US/09096749A
; Patent No. US2002019517A1

GENERAL INFORMATION:
APPLICANT: Koieda, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADRESSEE: Schwemman, Lundberg, Woessner & Kluth P.A.,
STREET: 121 South Eighth Street, Ste. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0b

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/096,749A

;

RESULT 27
US-09-096-749A-67
Sequence 67, Application US/09096749A
; Patent No. US2002019517A1

FILING DATE: June 12, 1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. VIKSNINS
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109-034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEX/FAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 74:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-09-096-749A-74

Qy	1	RW	2	Db	2	RW	3
Query Match	100.0%	Score	16;	DB	10;	Length	5;
Best Local Similarity	100.0%	Pred.	No.	1.3e+05			
Matches	2;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	RW	2	Db	2	RW	3

RESULT 29
 US-09-096-749A-76
 Sequence 76, Application US/09096749A
 GENERAL INFORMATION:
 APPLICANT: Koieda, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/096,749A
 FILING DATE: June 12, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. VIKSNINS
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109-034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEX/FAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 78:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-09-096-749A-78

Qy	1	RW	2	Db	2	RW	3
Query Match	100.0%	Score	16;	DB	10;	Length	5;
Best Local Similarity	100.0%	Pred.	No.	1.3e+05			
Matches	2;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	RW	2	Db	2	RW	3

RESULT 30
 US-09-096-749A-78
 Sequence 78, Application US/09096749A
 GENERAL INFORMATION:
 APPLICANT: Koieda, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/096,749A
 FILING DATE: June 12, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. VIKSNINS
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109-034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEX/FAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 78:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-09-096-749A-80

Qy	1	RW	2	Db	2	RW	3
Query Match	100.0%	Score	16;	DB	10;	Length	5;
Best Local Similarity	100.0%	Pred.	No.	1.3e+05			
Matches	2;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	RW	2	Db	2	RW	3

RESULT 31
 US-09-096-749A-80
 Sequence 80, Application US/09096749A

Patent No.: US20020019517A1
 GENERAL INFORMATION:
 APPLICANT: Koleda, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwedman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US09/096,749A
 FILING DATE: June 12, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vikenins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 80:
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 80:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 STRANDEDNESS: single
 TOPOLogy: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE: US-09-096-749A-80

Query Match 100 %; Score 16; DB 10; Length 5;
 Best Local Similarity 100 %; Pred. No. 1.3e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 2 RW 3

RESULT 33
 Sequence 84, Application US/09096749A
 Patent No. US20020019517A1
 GENERAL INFORMATION:
 APPLICANT: Koleda, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwedman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US09/096,749A
 FILING DATE: June 12, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vikenins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 84:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLogy: linear

Query Match 100 %; Score 16; DB 10; Length 5;
 Best Local Similarity 100 %; Pred. No. 1.3e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 2 RW 3

RESULT 33
 Sequence 84, Application US/09096749A
 Patent No. US20020019517A1
 GENERAL INFORMATION:
 APPLICANT: Koleda, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwedman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US09/096,749A
 FILING DATE: June 12, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vikenins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 84:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLogy: linear

RESULT 32
 Sequence 82, Application US/09096749A
 Patent No. US20020019517A1
 GENERAL INFORMATION:
 APPLICANT: Koleda, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwedman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US09/096,749A
 FILING DATE: June 12, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vikenins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 84:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLogy: linear

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/096,749A
 FILING DATE: June 12, 1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vlksins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 90:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-09-096-749A-90

Query Match 100.0%; Score 16; DB 10; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.3e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 3 RW 4

RESULT 37
 US-09-096-749A-92
 Sequence 92, Application US/09096749A
 Patent No. US2002019517A1

GENERAL INFORMATION:
 APPLICANT: Koieda, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/096,749A
 FILING DATE: June 12, 1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vlksins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 102:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-09-096-749A-102

Query Match 100.0%; Score 16; DB 10; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.3e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 3 RW 4

RESULT 38
 US-09-096-749A-102
 Sequence 102, Application US/09096749A
 Patent No. US2002019517A1

GENERAL INFORMATION:
 APPLICANT: Koieda, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, Ste. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/096,749A
 FILING DATE: June 12, 1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vlksins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 102:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-09-096-749A-102

Query Match 100.0%; Score 16; DB 10; Length 5;
 Best Local Similarity 100.0%; Pred. No. 1.3e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 3 RW 4

RESULT 39

US-09-096-749A-104
Sequence 104, Application US/09096749A

Patent No. US20020019517A1

GENERAL INFORMATION:

APPLICANT: Koleda, Shohei

TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES

NUMBER OF SEQUENCES: 118

CORRESPONDENCE ADDRESS:

ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, Ste. 1600
CITY: Minneapolis
STATE: MN

COUNTRY: USA

ZIP: 55402

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/096,749A

PRIORITY APPLICATION DATA:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Ann S. Vilkens

REGISTRATION NUMBER: 37,748

REFERENCE/DOCKET NUMBER: 109-034US1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (612) 373-6900

TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 106:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-104

Query Match 100.0% Score 16; DB 10; Length 5;

Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 104:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-104

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

US-09-096-749A-108

RESULT 41
US-09-096-749A-108Query Match 100.0% Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1,3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 2; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

STRANDEDNESS: single
TOPOLogy: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
US-09-749A-108

Query Match 100.0%; Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
||
Db 2 RW 3

RESULT 42

Sequence 1, Application US/09953349
Patent No. US20020099014A1

GENERAL INFORMATION:
APPLICANT: Brennan, Miles

APPLICANT: Hochgeschwender, Ute

TITLE OF INVENTION: Method for Treatment of Insulin Resistance in Obesity and Diabetes

FILE REFERENCE: 3718-7
CURRENT APPLICATION NUMBER: US/09/953, 349

CURRENT FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: 60/232, 292

PRIOR FILING DATE: 2000-09-13
NUMBER OF SEQ ID NOS: 8

SOFTWARE: PatentIn Version 3.0
SEQ ID NO 1
LENGTH: 5

TYPE: PRT

ORGANISM: Artificial sequence
NAME/KEY: DOMAIN
LOCATION: (1)..(5)

OTHER INFORMATION: conserved region
US-09-953-349-1

Query Match 100.0%; Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
||
Db 2 RW 3

RESULT 43

Sequence 42, Application US/09821831
Patient No. US20020137188A1

GENERAL INFORMATION:
APPLICANT: Bartlett, Perry Francis

APPLICANT: Coulson, Elizabeth Jane

APPLICANT: Fielder, Katrina

APPLICANT: Baca, Manuel

APPLICANT: Kilpatrick, Trevor

APPLICANT: Surindar, Cheema
TITLE OF INVENTION: Method of Modulating Cell Survival and
Title of Invention: Reagents Useful for Same

FILE REFERENCE: 3206_1001-000
CURRENT APPLICATION NUMBER: US/09/821, 831

CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: PCT/AU99/00860

PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: AU P00701

PRIOR FILING DATE: 1999-06-01
PRIOR APPLICATION NUMBER: AU P06351

PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: AU PP6353
PRIOR FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 42
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic peptides

Query Match 100.0%; Score 16; DB 10; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
||
Db 2 RW 3

RESULT 44

Sequence 29, Application US/08484409
Patent No. US20020076412A1

GENERAL INFORMATION:
APPLICANT: Steinman, Lawrence

APPLICANT: Davi, Scott

TITLE OF INVENTION: METHODS FOR MODULATING THE IMMUNE SYSTEM

NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:

ADDRESSEE: SED and BARRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle
STATE: Washington

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,409

FILING DATE: 07-JUN-1995
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 690068 409C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 622-6031

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 4 amino acids

TYPE: amino acid

STRANDEDNESS: linear

TOPOLOGY: linear

US-08-484-409-29

Query Match 81.2%; Score 13; DB 8; Length 4;

Best Local Similarity 50.0%; Pred. No. 1.3e+05;

Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
||
Db 1 RW 2

RESULT 45

Sequence 45, Application US/10-165-015-10

Publication No. US20030032594A1
 GENERAL INFORMATION:
 APPLICANT: PACT, Tech Transfer Office University of Lausanne
 APPLICANT: Bonny, Christophe
 TITLE OF INVENTION: INTRACELLULAR DELIVERY OF BIOLOGICAL EFFECTORS
 FILE REFERENCE: 2034-512 CIP
 CURRENT APPLICATION NUMBER: US/10/165, 015
 CURRENT FILING DATE: 2002-06-07
 PRIOR APPLICATION NUMBER: 09/977, 831
 PRIOR FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 60/240, 315
 PRIOR FILING DATE: 2000-10-13
 NUMBER OF SEQ ID NOS: 37
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 10
 LENGTH: 4
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: TRANSPORTER
 OTHER INFORMATION: PEPTIDE
 US-10-165-015-10

Query Match	Score	DB	Length	Indels	Gaps	Mismatches
Best Local Similarity	81.2%	9	4	0	0	1
Matches						
Qy	1 RW 2					
Db	3 KW 4					

RESULT 46
 US-09-780-070-1
 Sequence 1, Application US/09780070
 ; Patent No. US20020009752A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Burke, James
 ; APPLICANT: Strittmater, Warren
 ; APPLICANT: Nagai, Yoshitaka
 ; TITLE OF INVENTION: COMPOUNDS THAT SELECTIVELY BIND TO EXPANDED POLYGLUTAMINE REPEAT
 ; FILE REFERENCE: 5405-242
 ; CURRENT APPLICATION NUMBER: US/09/780, 070
 ; CURRENT FILING DATE: 2001-02-09
 ; PRIORITY APPLICATION NUMBER: 60/189, 781
 ; PRIORITY FILING DATE: 2000-03-16
 ; NUMBER OF SEQ ID NOS: 40
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1
 ; LENGTH: 4
 ; TYPE: PRT
 ; ORGANISM: synthetic construct
 ; US-09-780-070-1

Query Match	Score	DB	Length	Indels	Gaps	Mismatches
Best Local Similarity	50.0%	Pred. No. 1.3e+05	4	0	0	1
Matches						
Qy	1 :					
Db	3 KW 4					

RESULT 48
 US-09-854-204-66
 Sequence 66, Application US/09854204
 ; Patent No. US20020098236A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fischer, Peter Martin
 ; APPLICANT: Zhelev, Nikolai
 ; TITLE OF INVENTION: Transport Vectors
 ; FILE REFERENCE: CCI-010
 ; CURRENT APPLICATION NUMBER: US/09/854, 204
 ; PRIORITY FILING DATE: 1998-02-04
 ; PRIORITY APPLICATION NUMBER: GB 9825000.4
 ; PRIORITY FILING DATE: 1998-11-13
 ; PRIORITY APPLICATION NUMBER: 09/438, 460
 ; PRIORITY FILING DATE: 1999-11-12
 ; PRIORITY APPLICATION NUMBER: GB 9825001.2
 ; PRIORITY FILING DATE: 1998-11-13
 ; PRIORITY APPLICATION NUMBER: GB 9902525.6
 ; PRIORITY FILING DATE: 1999-02-04
 ; PRIORITY APPLICATION NUMBER: GB 9902522.3
 ; PRIORITY FILING DATE: 1999-02-04
 ; PRIORITY APPLICATION NUMBER: GB 9914578.1
 ; PRIORITY FILING DATE: 1999-06-22
 ; PRIORITY APPLICATION NUMBER: PCT/GB99/03750
 ; PRIORITY FILING DATE: 1999-11-11
 ; NUMBER OF SEQ ID NOS: 66
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 66
 ; LENGTH: 4
 ; TYPE: PRT
 ; ORGANISM: synthetic construct
 ; US-09-854-204-66

Query Match	Score	DB	Length	Indels	Gaps	Mismatches
Best Local Similarity	81.2%	Score 13; DB 10;	Length 4;	0	0	0
Matches						
Qy	1 RW 2					
Db	2 KW 3					

RESULT 47
 US-09-780-070-2
 Sequence 2, Application US/09780070
 ; Patent No. US20020009752A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Burke, James
 ; APPLICANT: Strittmater, Warren
 ; APPLICANT: Nagai, Yoshitaka

Query Match	Score	DB	Length	Indels	Gaps	Mismatches
Best Local Similarity	50.0%	Pred. No. 1.3e+05	4	0	0	1
Matches						
Qy	1 :					
Db	2 KW 3					

RESULT 49
 US-09-977-831-10
 Sequence 10, Application US/09977831
 ; Patent No. US20020120100A1

Query Match	Score	DB	Length	Indels	Gaps	Mismatches
Best Local Similarity	81.2%	Score 13; DB 10;	Length 4;	0	0	0
Matches						
Qy	1 RW 2					
Db	1 KW 2					

GENERAL INFORMATION:
 APPLICANT: PACTT, Tech Transfer Office University of Lausanne
 APPLICANT: Bonny, Christophe
 TITLE OF INVENTION: INTRACELLULAR DELIVERY OF BIOLOGICAL EFFECTORS
 FILE REFERENCE: 20349-512
 CURRENT APPLICATION NUMBER: US/09/977, 831
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: U.S.S.N. 60/240,315
 PRIOR FILING DATE: 2000-10-13
 NUMBER OF SEQ ID NOS: 37
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 10
 LENGTH: 4
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: TRANSPORTER
 OTHER INFORMATION: PEPTIDE
 US-09-977-831-10

Query Match Similarity 81.2%; Score 13; DB 10; Length 4;
 Best Local Similarity 50.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
 Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy	1	RW	2	:1
Db	3	KW	4	

RESULT 50
 US-10-105_930-57
 Sequence 57, Application US/10105930
 Publication No. US20030009018A1
 GENERAL INFORMATION:
 APPLICANT: Maeda, Masatsugu
 APPLICANT: Yaguchi, No. US20030009018A1
 TITLE OF INVENTION: NOVEL HEMOPOIETIN RECEPTOR PROTEIN, NR12
 FILE REFERENCE: 06501-105US1
 CURRENT APPLICATION NUMBER: US/10/105, 930
 CURRENT FILING DATE: 2002-03-25
 PRIOR APPLICATION NUMBER: PCT/JP00/06654
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: JP 2000-240397
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: JP 11-273358
 PRIOR FILING DATE: 1999-09-27
 NUMBER OF SEQ ID NOS: 77
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 57
 LENGTH: 5
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-105-930-57

Query Match Similarity 81.2%; Score 13; DB 9; Length 5;
 Best Local Similarity 50.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
 Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy	1	RW	2	:1
Db	3	KW	4	

Search completed: February 21, 2003, 12:37:49
 Job time : 32 secs